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United States Patent [19][11] **Patent Number:** **5,343,621****Hildebrand et al.**[45] **Date of Patent:** * **Sep. 6, 1994**[54] **SHAVING APPARATUS**

[56]

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[*] **Notice:** The portion of the term of this patent
subsequent to Aug. 17, 2010 has been
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[21] **Appl. No.:** **65,554**

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[57]

ABSTRACT**Related U.S. Application Data**

[62] Division of Ser. No. 931,858, Aug. 18, 1992, Pat. No.
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[51] **Int. Cl.⁵** **B26B 19/06**; **B26B 19/00**;
B26B 19/14; **B26B 21/42**

[52] **U.S. Cl.** **30/43.92**; **30/43.1**;
30/43.91; **30/89**

[58] **Field of Search** **30/43.1**, **34**, **89**, **43.91**,
30/43.92

The invention is directed to an electric shaving apparatus having a housing and a shaving head assembly which is adapted to pivot relative to the housing about a pivotal axis Z and is comprised of a shaving head frame, a shaving plane formed by at least one outer cutter having arcuate extensions to the longitudinal sides of the shaving head frame, and of at least one inner cutter operatively associated with the outer cutter and driven by a drive mechanism, wherein the outer cutter is arranged in an outer cutter frame member and the outer cutter frame member is mounted in the shaving head frame so as to be pivotal about the pivotal axis Z.

2 Claims, 4 Drawing Sheets